

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/017921 A3

(51) International Patent Classification⁷: A61K 37/00,
37/48

(21) International Application Number:
PCT/US2003/026591

(22) International Filing Date: 25 August 2003 (25.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/405,388 23 August 2002 (23.08.2002) US

(71) Applicant: ZYMOGENETICS, INC. [US/US]; 1201
Eastlake Avenue East, Seattle, WA 98102 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ÖHRSTRÖM, Jan,
K. [DK/US]; 2241 82nd Avenue, S.E., Mercer Island, WA
98040 (US).

(74) Agent: BOGDEN, James, M.; ZymoGenetics, Inc., 1201
Eastlake Avenue East, Seattle, WA 98102 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:

1 July 2004

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR TREATING INFLAMMATORY BOWEL DISEASE

(57) **Abstract:** A method for treating inflammatory bowel disease by administering interferon beta in conjunction with factor XIII to a mammal afflicted with the disease. The IBD may either be ulcerative colitis or Crohn's disease. The factor XIII used may be recombinant or nonrecombinant. The interferon beta used can be naturally occurring interferon beta, interferon beta-1a or interferon beta-1b.

WO 2004/017921 A3